

531 Rec'd PCT/77

04 JUN 2001
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:
E. CAHOON

CASE NO.: BB1289

APPLICATION NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

FOR: UDP-GLUCOSE MODIFIERS

PRELIMINARY AMENDMENTAssistant Commissioner for Patents
Washington, DC 20231

Sir:

Before examination of the above-referenced application, please amend the application as follows:

In the Claims:

Please cancel claims 1-25.

Please add the following new claims:

- A* *sub C9* *7*
- 26. An isolated polynucleotide that encodes a plant vitamin E biosynthetic enzyme having a sequence identity of at least 80%, based on the Clustal method of alignment, when compared to a polypeptide selected from the group consisting of SEQ ID NOs: SEQ ID NOs: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, and 38.
27. The polynucleotide of Claim 26 wherein the sequence identity is at least 85%.
28. The polynucleotide of Claim 26 wherein the sequence identity is at least 90%.
29. The polynucleotide of Claim 26 wherein the sequence identity is at least 95%.
- sub C10* *7*
30. The polynucleotide of Claim 26 wherein the polypeptide is selected from the group consisting of SEQ ID NOs: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, and 38.
31. The polynucleotide of Claim 26, wherein the polynucleotide is selected from SEQ ID Nos: 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, and 37.
32. An isolated complement of the polynucleotide of Claim 26, wherein (a) the complement and the polynucleotide consist of the same number of nucleotides, and (b) the nucleotide sequences of the complement and the polynucleotide have 100% complementarity.